

CLASS
3
SCIENCE

UNIT 1 : Plants

1. The elephant holds the _____ of the banana plant in the below image.



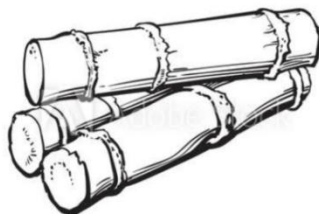
- a) Leaf
 - b) Fruit
 - c) Root
 - d) Stem
2. Which part of the plant produces food with the help of sunlight?



a)



b)



c)



d)

Answer: -----

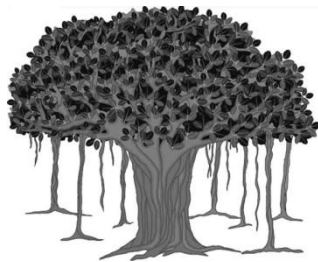
3. Food preparation at home : Mother ::
Food preparation in the plant: _____?

- a) Seed
- b) Root
- c) Leaves
- d) Flower

4. Less plant diversity occurs in _____.

- a) Desert
- b) Water
- c) Land
- d) Hill

5. The primary root of the given image is _____.



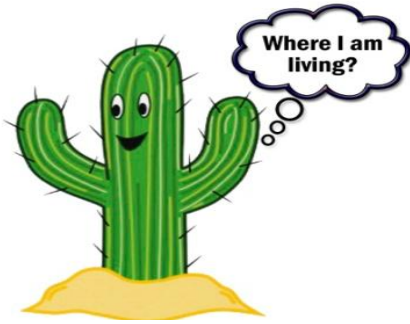
- a) Fibrous root
- b) Tap root
- c) Stilt root
- d) Prop root

6. The given plant product is obtained from the _____ part of the plant.



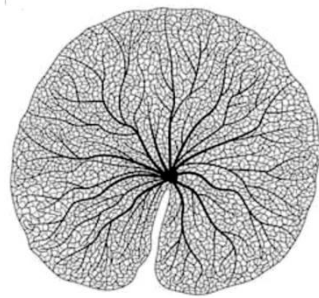
- a) Leaf
- b) Root
- c) Stem
- d) Flower

7. The following plant present in _____.



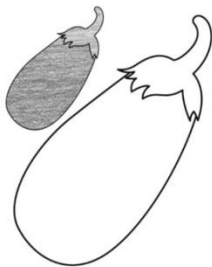
- a) Land
- b) Desert
- c) Water
- d) Hill

8. The given leaves are present in _____?



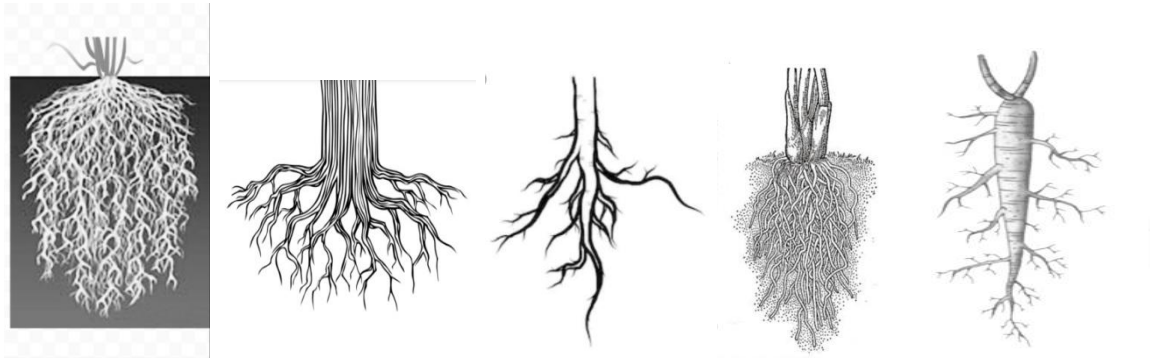
- a) Desert
- b) Polar
- c) Land
- d) Water body

9. The given fruits are produced from the _____ area of the plants.



- a) Hill
- b) Tundra
- c) Water
- d) Land

10. From the following pictures, find out the total numbers of taproot system?



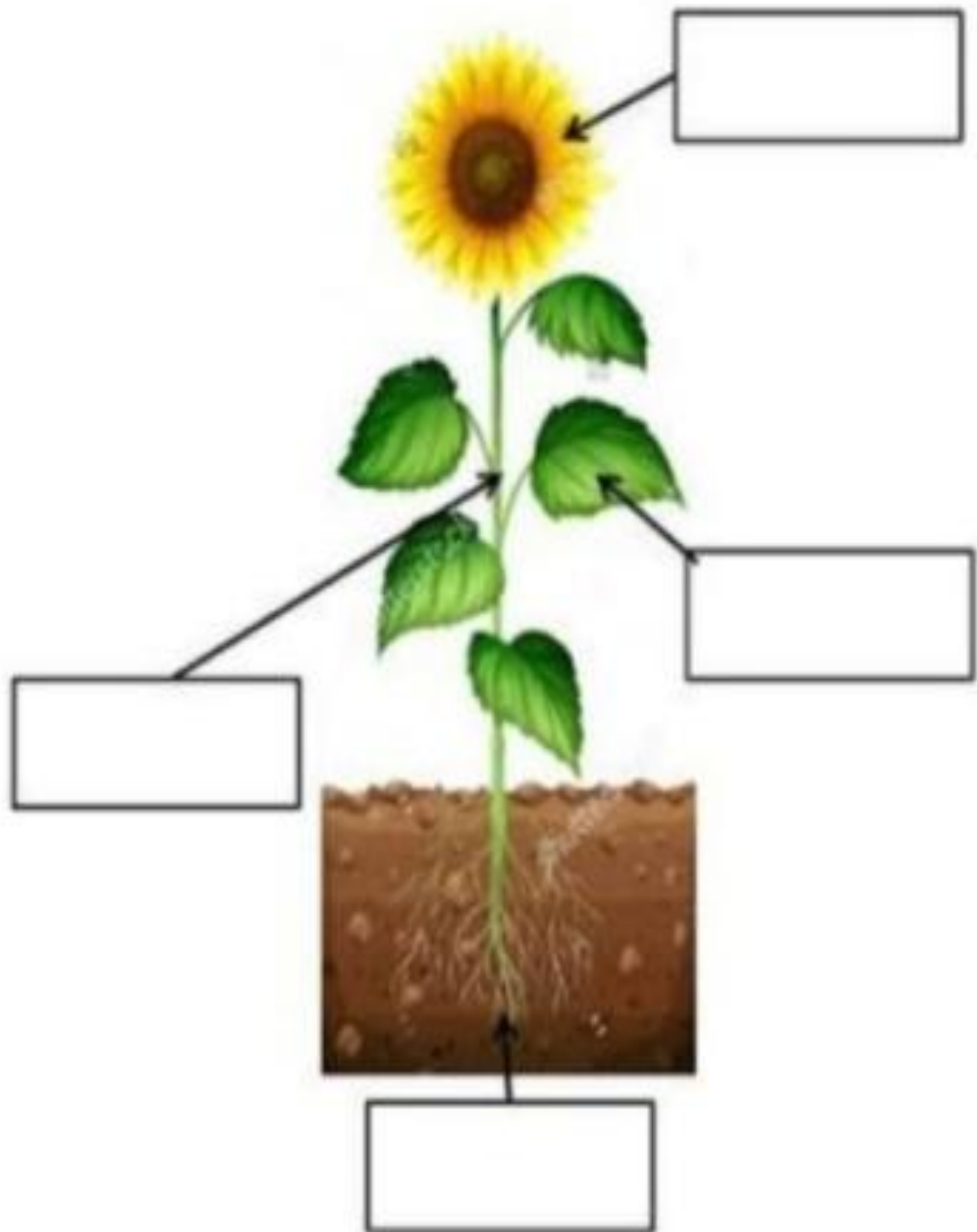
- a) 4
- b) 3
- c) 2
- d) 5

11. Find out the correct functions of the below plant's part .

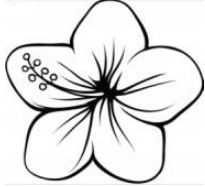
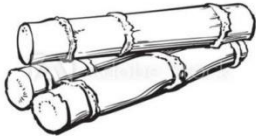


- a) Absorb the water
- b) Absorb the minerals
- c) Anchoring the plant to the ground
- d) All the above

12. Fill in the box with the parts of a plant.

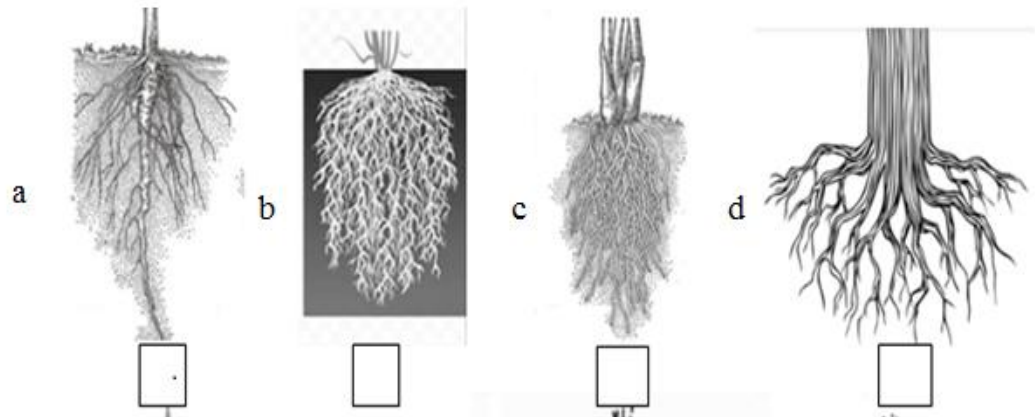


13. Match the following.

Parts	Functions
1. 	A) Absorb water and minerals
2. 	B) Mechanical support
3. 	C) Food production
4. 	D) Pollination

- a) 1-D, 2-B, 3-A, 4-C
- b) 1-B, 2-C, 3-A, 4-D
- c) 1-A, 2-B, 3-C, 4-D
- d) 1-D, 2-A, 3-B, 4-C

14. Find out the fibrous root system and put a (✓) mark.

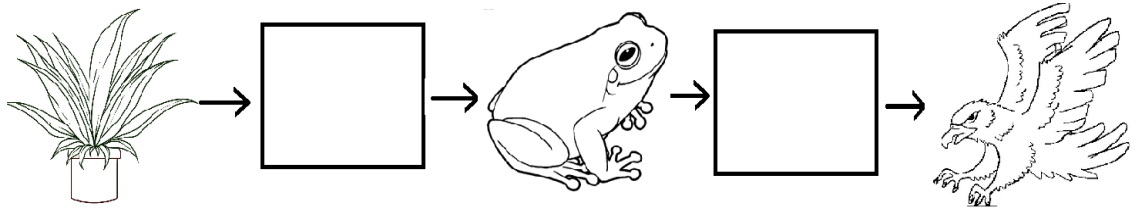


15. Write the plant part.

a) 	
b) 	
c) 	
d) 	

Answers : 1 : Plants					
1)	b	6.	d	11.	d
2)	a	7.	b	12.	Flower, Leaf, Stem, Root
3)	c	8.	d	13.	d
4)	a	9.	d	14.	b, c,
5)	b	10.	b	15.	a. Stem b. Inflorescence c. Leaf d. Fruit

1. Food chain on land environment is given here. Write the correct name of animal in empty boxes?



2. How is fish adopted to live in water? Find the correct statement.

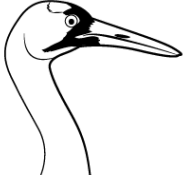
- i) Fins to swim
- ii) Gills to breathe
- iii) Narrow body to move easily
- iv) Scales to float

- a) i, ii, iii
- b) ii, iii, iv
- c) i, ii, iv
- d) i, iii, iv

3. If fish is taken out of water, it dies because it is unable to-----

- a) Swim
- b) See
- c) Breathe
- d) Feed

4. Look at the beak of birds. and match it with their respective food by drawing lines

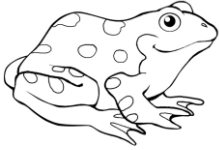
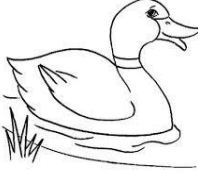
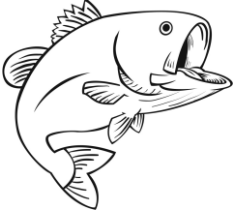
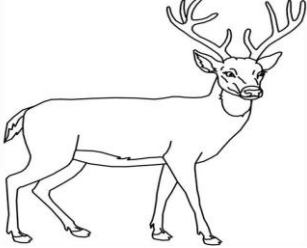
	Birds		Food
1		i	Grains
2		ii	Fruits
3		iii	Fish
4		iv	Snake

5. Identify the insect and encircle their name in the grid using the clue given below.

- i) Biting and chewing type of mouth parts
- ii) Siphoning type of mouth parts
- iii) Piercing and licking type of mouth parts
- iv) Sponging type of mouth parts
- v) Chewing and lapping type of mouth parts

H	V	H	A	L	B	A	M	C
U	M	O	S	Q	U	I	T	O
U	A	N	T	H	T	I	S	C
S	E	E	L	V	T	A	M	K
E	V	Y	A	I	E	G	U	R
F	H	B	D	H	R	T	N	O
L	P	E	A	K	F	V	E	A
Y	N	E	I	K	L	R	I	C
H	S	N	A	N	Y	D	A	H

6. Fill in the empty boxes given with the name of suitable organism.

	Herbivore	Carnivore	Omnivore
Grass land	1_____.		2_____.
Pond			
Forest		3_____.	

7. Complete the following table using the cues given below

[Scrapping, Chewing, Siphoning, Swallowing, Sponging, Piercing and Sucking]

S.No	Name of the animal	Mode of feeding
1	Snail	
2	Ant	
3	Snake	
4	Humming bird	
5	Lice	
6	Mosquito	
7	Butterfly	
8	Housefly	

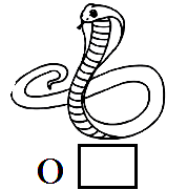
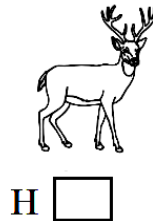
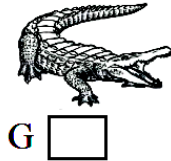
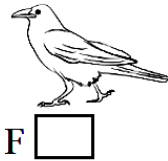
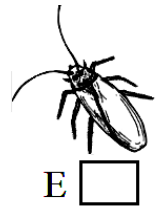
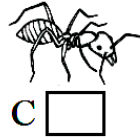
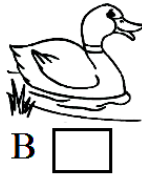
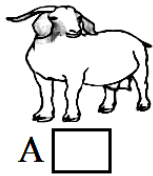
8. Which animal has a pair of big teeth which are not meant for eating?

- a) Rhinoceros
- b) Crocodile
- c) Tiger
- d) Elephant

9. Which of these following animal lives social life and shows division of labour among themselves and the hard workers who go out and gather food and feed their young ones.

- a) Sparrows
- b) Monkeys
- c) Honey bees
- d) Lion

10. Observe the pictures of animals given below. Write 'P' for herbivores, 'Q' for carnivores and 'R' for Omnivores in the given box.



11. Herbivorous animals ruminate during rest. Why do they do that?
- a) That is their habit
 - b) In order to strengthen their jaw muscles
 - c) Bring back the eaten grass to its mouth and masticate it
 - d) To keep awake
12. Human beings are omnivores as they feed on plants and animals. Which teeth do they use to tear flesh?
- a) Incisors
 - b) Canine
 - c) Premolar
 - d) Molar

13. Louse is a parasite of human being. How does it process food?
- a) By eating the hair
 - b) By eating the dandruff
 - c) By eating the oil
 - d) By sucking the blood
14. Identify the predator and prey relationship and match it by drawing lines.
- 1. Lion - Frog
 - 2. King fisher - Insect
 - 3. Snake - Deer
 - 4. Cat - Fish
 - 5. Spider - Rat
15. Which among the stages of life cycle of butterfly is a voracious feeder on leaves?
- a) Egg
 - b) Adult
 - c) Larva
 - d) Pupa

Answer Keys : UNIT: 2. ANIMALS

1. a) Grasshopper b) Snake

2. a

3. c

4. 1-(iii), 2-(iv), 3- (ii), 4-(i)

5. i) Cockroach, ii) Butterfly, iii) Mosquito, iv) Housefly, v) Honeybee

6. 1-Deer 2-Jackle 3-Lion

7.

S.No	Name of the animal	Mode of feeding	Kind of Food
1	Snail	Scrapping	Leaves
2	Ant	Chewing	Food particles
3	Snake	Swallowing	Frog
4	Humming bird	Sucking	Nector
5	Lice	Sucking	Blood
6	Mosquito	Piercing and Sucking	Blood
7	Butterfly	Sucking	Nectar
8	Housefly	Sponging	Decaying matter

8. c

9. c

10. Herbivores : A, H, I, M, N

Carnivores : G, J, K, O

Omnivores: B, C, D, E, F,L

11. c

12. a

13. d

14. 3, 4, 1, 5, 2

15. Caterpillar or Larva

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UNIT: 3. MY FOOD

1. Burger, Puffs, Samosa, Pineapple, Dosai, Milk, Grilled chicken, Chappathi, Idly, Corn, Chicken noodles, Briyani, Pizza, Meat, Egg, Porridge, Raw vegetables, Murukku, Honey, Cake, Paratta, Fish fry, Mushroom, Sugarcane.

Sort out the food items given above and write the suitable once for childhood, adult and old age group in the given table.

Childhood	Adult	Old age

2. Match the following by drawing lines:-

Food items

Place

- | | |
|--------------------------|-----------------|
| i) Rice | - Andra pradesh |
| ii) Chappathi | - Kerala |
| iii) Puttu and Aviyal | - Tamil nadu |
| iv) Food with more spicy | - Punjab |

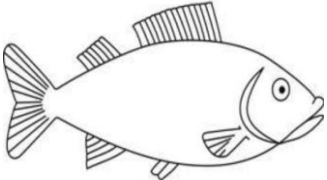
3. ----- help to maintain a constant body temperature in our body

- a) Water
- b) Protein
- c) Vitamins
- d) Carbohydrate

4. Encircle the traditional foods of Tamil Nadu.

Ragi Ball	Fried Rice	Kambu Adai	
Groundnut – Candy			
Poori	Icecream	Cake	Pizza
Chappathi	Red rice puttu	Samoza	
Kulfi ice	Kuzhi paniyaram	Pongal	
Dosai	Puffs	Semiya	Sesame
BallCoconut laddu	Thinai payasam	Noodles	

5. Match the following by drawing lines.

Nutrients	Function	Examples
Carbohydrates starch, sugar	Keep Healthy Gives immunity	Fish Meat Egg, Nut Milk
 Protein	Gives Energy	Fruits and Vegetables 
Vitamins and minerals	Helps to grow and repairs body cells	Rice, Wheat potato, Millets

6. Match the following by drawing lines:-

Food item

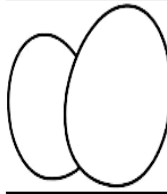
Places



- Neyveli



- Salem



- Erode



- Ooty



- Namakkal



- Theni

7. Sort out the following and complete the table based on nutrient as Carbohydrate , Protein, Fat .

Sunflower, Rice, Wheat, Groundnut, Blackgram, Idly, Egg, Potato, Dosai, egg, Ragi, Ghee, Fish, Millet, Dal vada, Sesame oil, Tapioca, Soya, Chicken, Greens, Vegetables, Coconut, Mutton, Fruits, Pulses, Prawn, Mushroom

Carbohydrate	Protein	Fat

8. Mr.Raja working in an office. He is doing very little physical work through the day but he eats a lot of fried food items very often. What kind of effect will he have on his health?
- a) Fatigue
 - b) Energetic
 - c) Sleepy
 - d) Obesity
9. You see your mother grinding flour for idly and Dosa. What ingredient is used for it?
- a) Rice and Red gram
 - b) Rice and black gram
 - c) Rice and horse gram
 - d) Rice and green gram

10. You are going to a restaurant with your family members. They give you a menu list. Identify and tick (✓) the traditional foods.

- | | |
|---------------------|--------------------------|
| (i) Ragi Balls | ☐ |
| (ii) Wheat dosa | ☐ |
| (iii) Noodles | ☐ |
| (iv) Fried rice | ☐ |
| (v) Millet | ☐ |
| (vi) Chilli chicken | ☐ |
| (vii) Pani puri | ☐ |
| (viii) Poori | ☐ |
| (ix) Gobi 65 | ☐ |
| (x) Rice and sambar | ☐ |
| (xi) Pizza | ☐ |
| (xii) Egg gravy | ☐ |
| (xiii) Kambu adai | ☐ |
| (ivx) Mint chutney | ☐ |

11. Tick (✓) the correct statement and cross (✕) the wrong ones:-

- | | |
|--|--------------------------|
| (i) Milk is rich in protein | ☐ |
| (ii) Fruit juices are good sources of roughage | ☐ |
| (iii) Vitamins regulates our body functions | ☐ |
| (iv) All types of oils in our diet are energy giving foods | ☐ |
| (v) A balanced diet does not contain water | ☐ |

12. Why sprouted grains are more preferable than whole grains?

- 1) It is rich in starch
 - 2) It is easier to digest
 - 3) It is hard to digest
 - 4) It has less starch
- a) 1,3
 - b) 2,3
 - c) 2,4
 - d) 1,4

13. Find and circle the words in the puzzle using the clues given below.

- (i) Clean our body with_____
- (ii) Diseases caused by_____
- (iii) The person with cold should have_____
- (iv) Do it before eat_____

O	Z	S	E	I	M	J	K	I
R	T	O	N	C	P	A	O	S
E	U	M	E	T	X	B	D	T
T	V	E	I	G	Q	N	I	V
A	H	A	N	D	W	A	S	H
W	C	A	Y	H	B	P	X	R
M	L	E	H	E	A	L	T	H
R	E	S	E	B	U	R	K	O
A	A	I	S	F	F	B	L	M
W	N	D	S	M	R	E	G	N

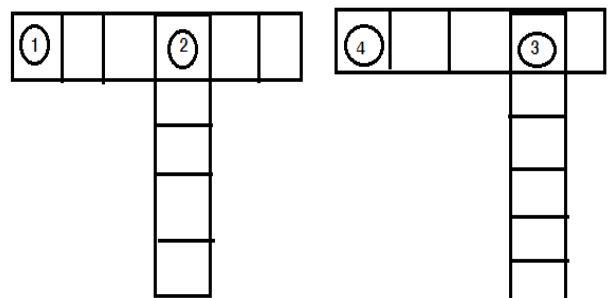
14. Suggest any five plants which can be grown in your kitchen garden

- 1. -----
- 2. -----
- 3. -----
- 4. -----
- 5. -----

15. Fill the cross word puzzle using the clues.

Clues:

- 1. An yellow colour long fruit
- 2. An ----- a day, Keep doctor away
- 3. Fruit can be seen in bunches
- 4. Single seed fruit from tree



ANSWERS : UNIT: 3. MYFOOD

1. –
2. Rice – Tamilnadu
Chappathi – Punjab
Puttu and Aviyal – Kerala
Spicy food – Andra Pradesh
3. a) water
4. ---
5. ---
6. 1. Mango - Salem
2. Apple - Ooty
3. Egg - Namakkal
4. Cashwnut - Neyveli
5. Grapes - Theni
6. Turmeric - Erode
7. ---
8. d) Obesity
9. b) Rice and Blackgram
10. ---
11. ---
12. 2,4
13. (i) Soap (ii) Germs (iii) Warm water (iv) Hand wash
14. ---
15. 1) Banana
2) Apple
3) Grapes
4) Mango

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Unit: 4. My Body

1. When we eat following unhygienic foods_____ disease will occur.

- a) Malaria
- b) Filariasis
- c) Cholera
- d) Dengue



2. Find the activity that affects our eyes?

- a) Playing more Time
- b) Continuous reading
- c) Watching mobile for a long time
- d) Sleeping for more hours

3. Which one of the following organ sense light?



a)



b)



c)



d)

4. Which time is most suitable for playing?

- a) Dawn
- b) Morning
- c) After noon
- d) Evening



Answer: _____

5. The cooking food exposed to air for long time are spoiled by_____
- a) Dog
 - b) Man
 - c) Hen
 - d) Microbes
6. Most of the diseases spread through_____
- a) Clothes
 - b) Sand
 - c) Food
 - d) Air, water
7. If you are affected by common cold, You must drink -----
- a) Very cold water
 - b) Cold water
 - c) Warm water
 - d) Fruit juice
8. Pick out and write the water borne infections.
- 1. Tuberculosis
 - 2. Measles
 - 3. Influenza
 - 4. Chicken – pox
 - 5. Dysentery
 - 6. Typhoid
- Answer : _____

9. In following play activities which one is most useful for your physical development
- a) Carom board
 - b) Chess
 - c) Video games
 - d) Skipping
10. If you are given hot dosa, which sense organ will enable you to know that dosa is hot ?
- a) Blood
 - b) Skin
 - c) Eye
 - d) Ear
11. The organ which controls all the activities of human body is -----
- a) Eye
 - b) Ear
 - c) Brain
 - d) Hands

12. Observe the picture and find out which sense organ is used majorly in each activity. Match these by drawing lines.



— skin



— eye



— ear



— tongue

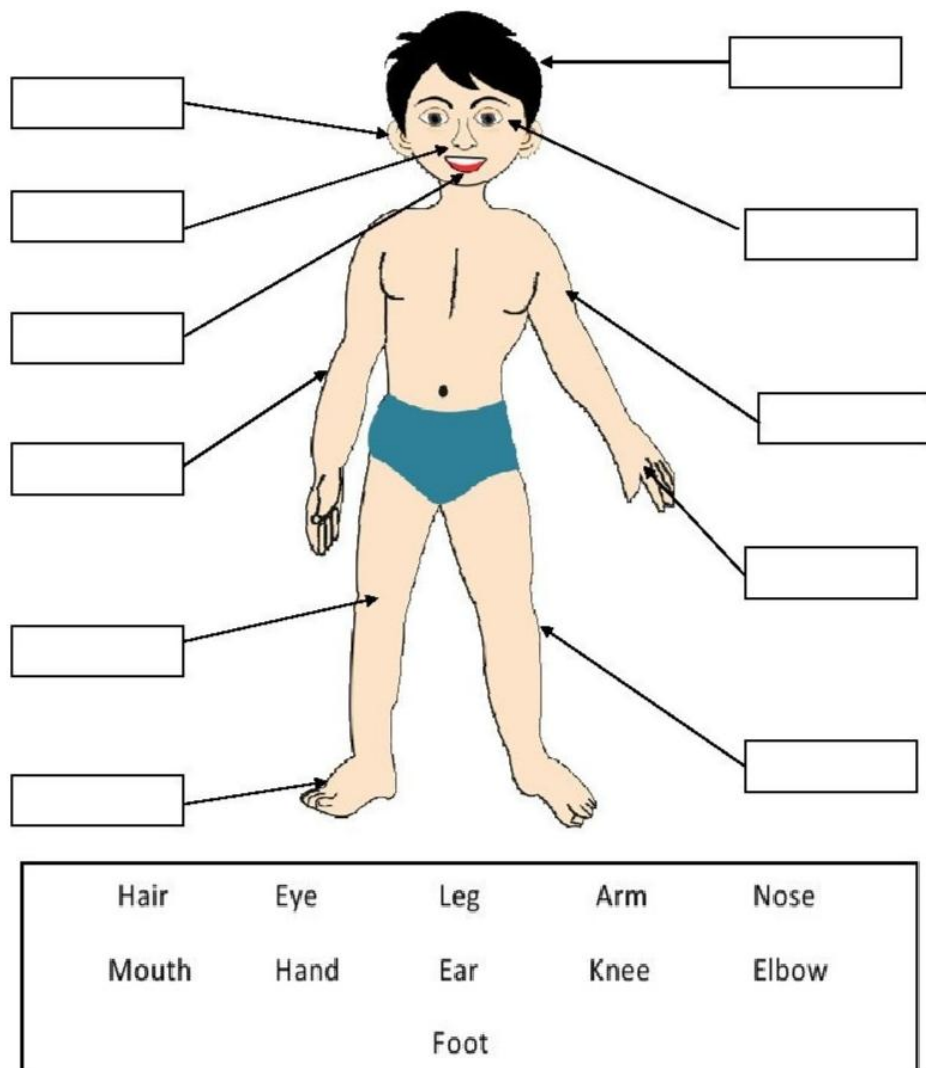


— nose

13. Put (✓) mark for good habit. Put (✗) for bad habit



14. Look at the picture given below and use the word bank to help label the different parts of body.



15. Gokul is a brilliant student of class II. He comes regularly to the school. But he feels weak after going back home. Feeling weak is not common in his age group. As a friend what will you suggest to him?
- a) Gokul should exercise regularly to build strong bones and muscles
 - b) Gokul should stop coming to school
 - c) Gokul should eat healthy food
 - d) Both a & c

Answers : Unit: 4. My body					
1.	c	6.	d	11.	c
2.	c	7.	c	12.	-
3.	c	8.	5, 6	13.	-
4.	d	9.	d	14.	-
5.	d	10.	b	15.	d

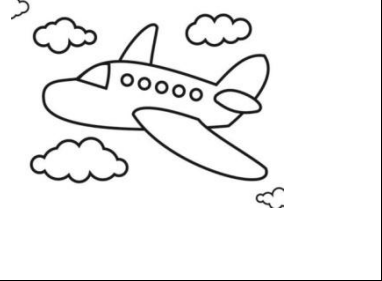
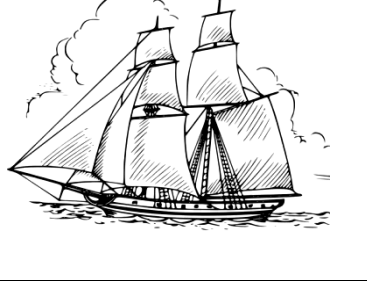
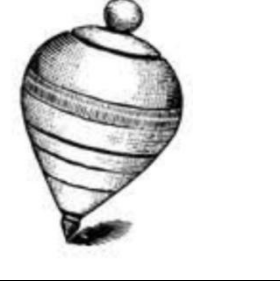
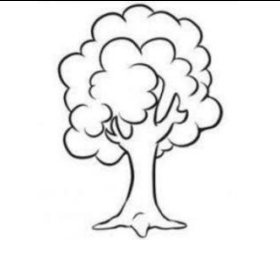
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UNIT 5 : WATER

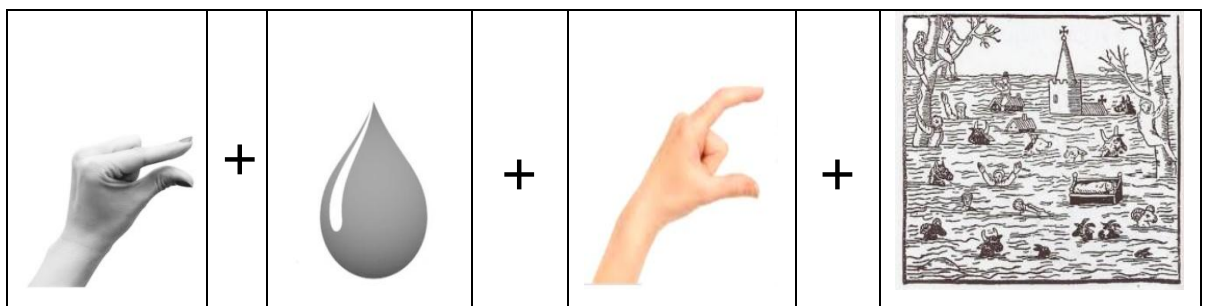
1. List out the activities which require water.

		
Air plane is flying	Ship is floating	Top is spinning
		
Baby is bathing		Tree Cultivation

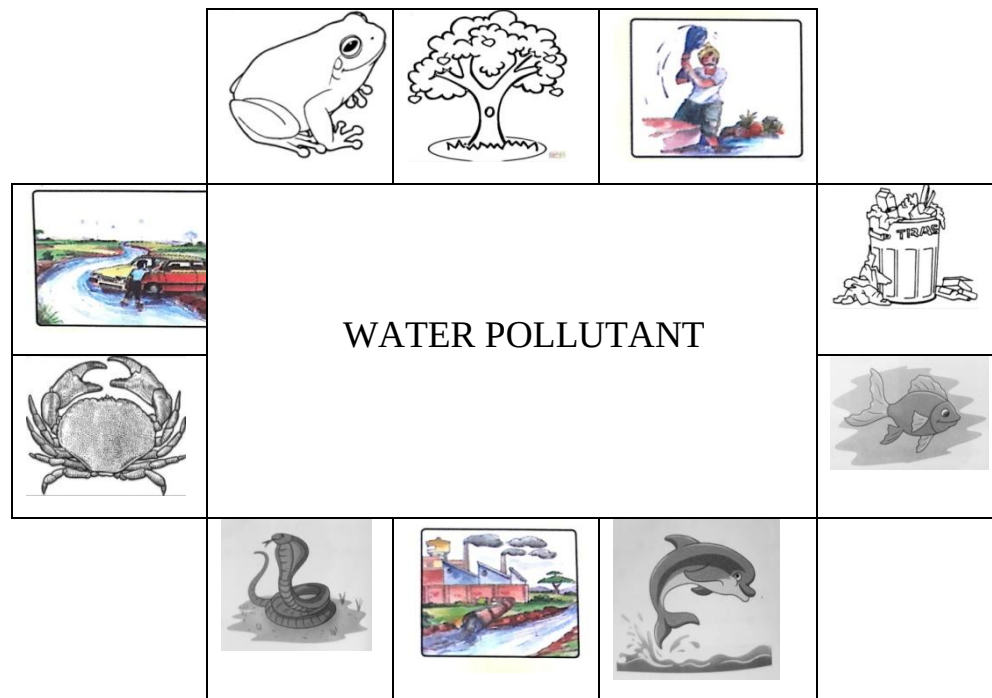
Answer:

1. _____.
2. _____.
3. _____.

2. Find the correct proverb using the following picture.



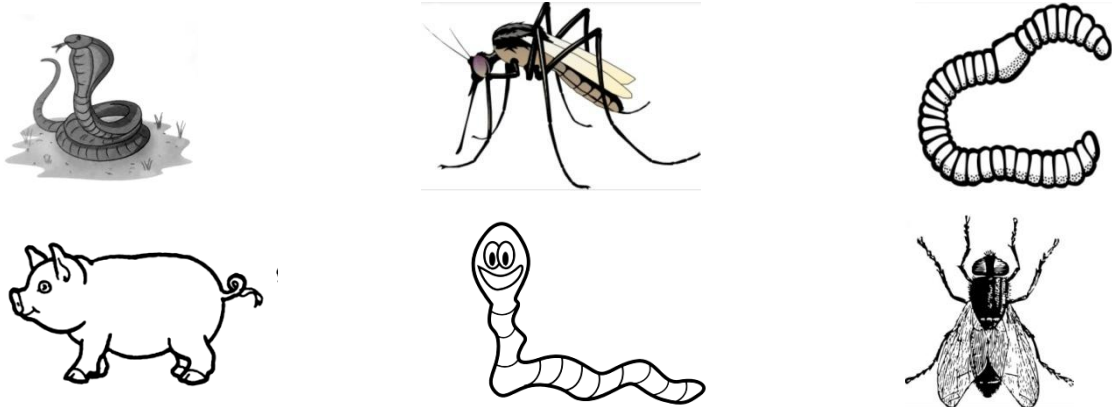
3. Connect the water pollutants.



4. What is the first step to conserve the water body in good condition.

- a) Add chlorine to water bodies
- b) Don't mix waste with water bodies
- c) Allow the animals drink water in water bodies
- d) Allow to grow hydrophytes in water bodies

5. Among the below, which are "intimate" to the waste water?



Answer:

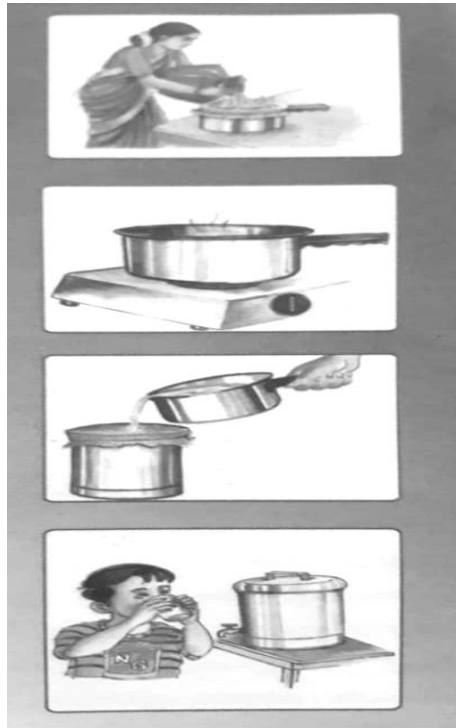
1. _____

2. _____

6. Match 'A' with 'B' based on their need.

A	B
	To grow
	Change weather
	To float
	To drink

7. The following images indicate _____.



- a) Preparation of safe cooking food.
- b) Boiling the vegetables
- c) Preparation of safe drinking water
- d) Preparation of safe filtering the waste

8. The following picture denotes _____



- a) Save pig
- b) Save money
- c) Save Tap
- d) Save water

9. Select the odd one out.



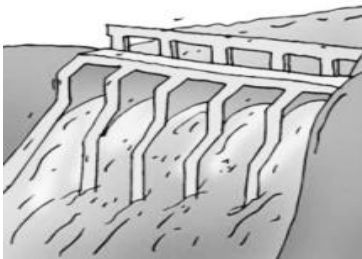
A



B



C



D



E

Answer:_____.

10. Put the (✓) mark to the activities for which water is needed.

1) To play ☐

2) To row a boat ☐

3) To prepare a tea ☐

4) To cultivate the plants ☐

5) To wash the vessels ☐

6) To write ☐

7) To sing ☐

11. Which of the following is a safety one for drinking _____?

- a) Boiled water
- b) Cool water
- c) Raw water
- d) Boiled, filtered water

12. List out the water sources in your surroundings.

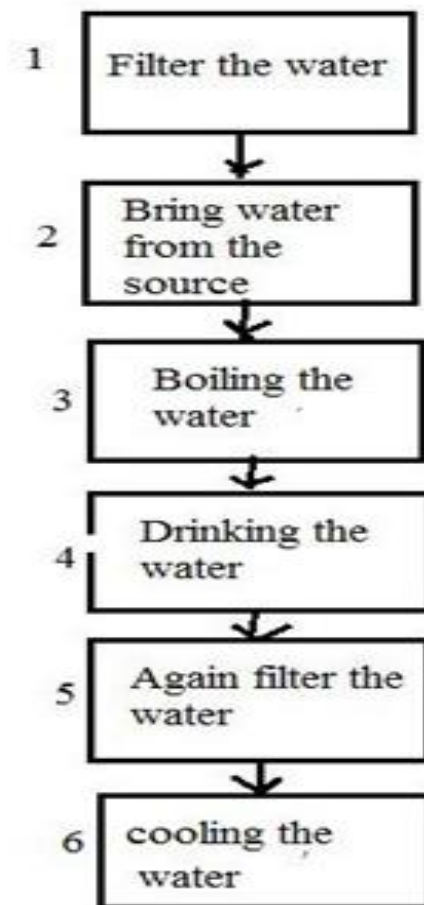
- | | |
|----------|----------|
| 1. _____ | 4. _____ |
| 2. _____ | 5. _____ |
| 3. _____ | 6. _____ |

13. From the following images,_____ property of water is expressed



- a) Round in shape
- b) Shapeless
- c) Definite shape
- d) Square in shape

14. Sequence the process of safe drinking water.



15. Identify the water source from the word grid.

L	M	R	M	T	A	P	P
A	S	E	A	L	I	U	O
K	Z	V	D	L	A	M	N
E	N	I	C	E	S	P	D
B	O	R	E	W	E	L	L

Answer:

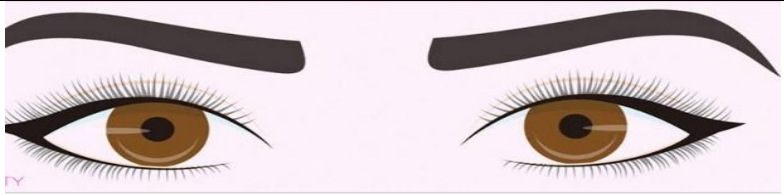
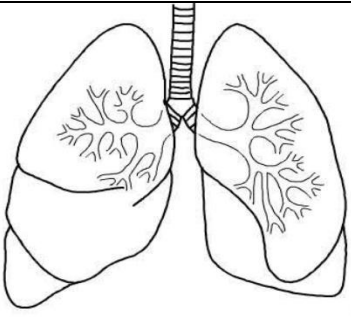
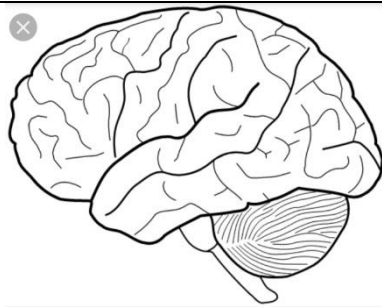
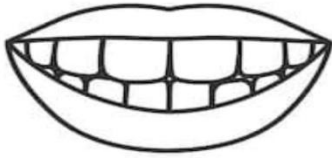
- | | |
|----------|----------|
| 1. _____ | 5. _____ |
| 2. _____ | 6. _____ |
| 4. _____ | 7. _____ |
| 3. _____ | 8. _____ |

ANSWERS : 5 : WATER						
1	--	6.	--	11.	d	
2	--	7.	c	12.	--	* 2. Little drop of water make a mighty ocean. * 14. 2→1→3→6→5→4
3	--	8.	d	13.	b	
4	b	9.	b	14.	*	
5	Mosquito and house fly	10.	--	15.	--	

1. Which of the following **does not** require air?

a)	
b)	
c)	
d)	

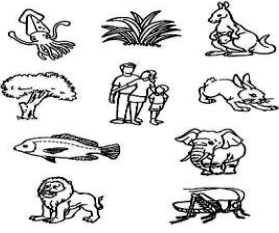
2. Which of the following organ of our body is essential for breathing

a)	
b)	
c)	
d)	

3. Put the (✓) mark against correct sentence and cross (✕) against wrong sentence

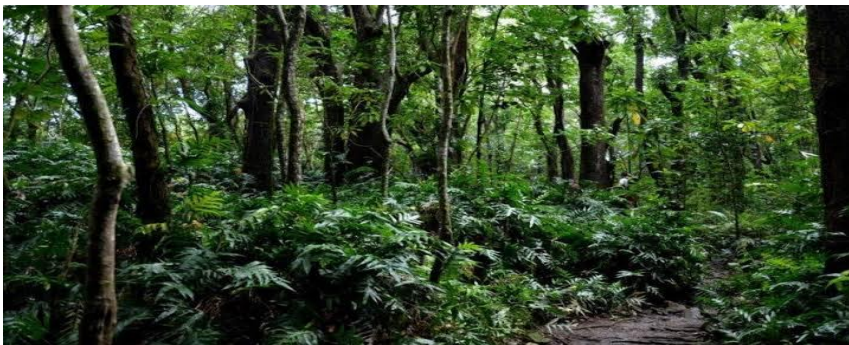
- (i). We can see air ☐
- (ii). We need air to breathe ☐
- (iii). Air is needed for burning ☐

4. Match the following

(i) Make air clean	
(ii) Need air to live	
(iii) Makes air impure	

5. Find the odd one out :

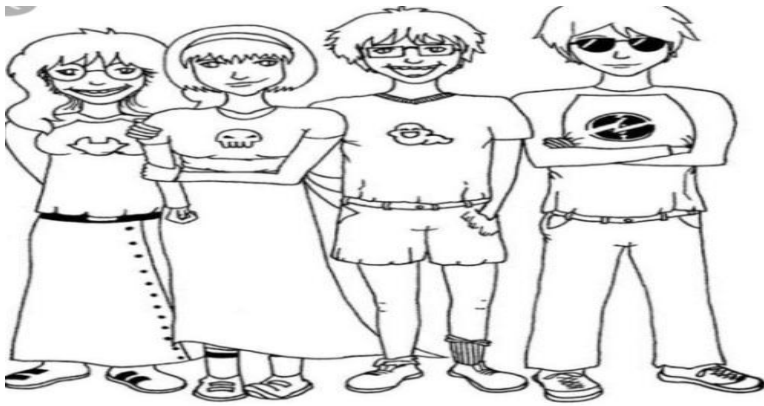
a)



b)



c)



d)



6.



What do you observe from the above picture and mention True / False

- a) Air has mass ☐
- b) Air occupies space ☐
- c) Air can be visible ☐

7. Tick (✓) the activities for which air is needed.

a) To play ☐

b) To breathe ☐

c) To drink ☐

d) To eat ☐

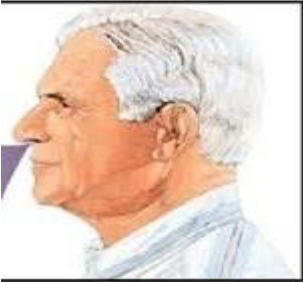
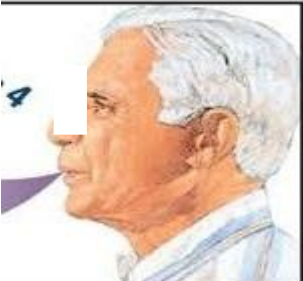
8. Look the pictures and write the polluted /unpolluted atmosphere

a)		-----
b)		-----
c)		-----
d)		-----

9. Which of the following gas is essential for plants and animals to live?
- Nitrogen
 - Oxygen
 - Carbon-di-oxide
 - Water vapour
10. Sita blows air into a beaker containing water with straw. What will she observe?



- Bubbles formed
 - Water level decreases
 - Water level increases
 - No change
11. Fill in the blank.

 (i) _____	_____hale
 (ii) _____	_____hale

12. Mark (✓) for the correct statement and (✕) for the wrong statement

- a) A storm can destroy heavy and strong objects ()
- b) We inhale polluted air in heavily populated area ()
- c) Air is breathed in and out through the nose ()

13. Fill in the blank from the options

(i) During the process of inhalation -----

[Lung volume expands / Lung volume contracts]

(ii) Hair in the nose -----

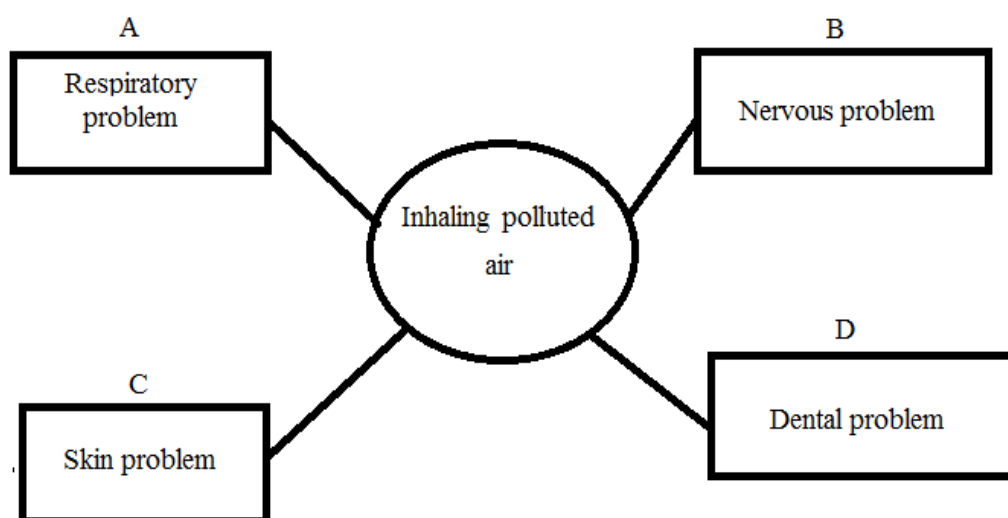
[Defends against harmful germs / block air from getting into]

14. Put (✓) for the following questions.

- a) Process of intake of air
- b) Process of letting out air

	Yes	No
Inhalation is (a)	-----	-----
Exhalation is (b)	-----	-----
Inhalation is (a and b)	-----	-----
Exhalation is (a and b)	-----	-----

15. Which of the following is not possible when polluted air is inhaled



- a) A
- b) B
- c) C
- d) D

ANSWERS : 6. AIR					
1.	d	6.	--	11.	i) Inhale, ii) Exhale
2.	b	7.	--	12.	-
3.	--	8.	--	13.	i) Lung Volume expands ii) Defends against harmful germs
4.	--	9.	b	14.	-
5.	d	10.	a	15.	d

CLASS

3

SCIENCE

UNIT: 7. MATTER AND MATERIALS

1. Put (✓) mark for solids

a)		☐
b)		☐
c)		☐
d)		☐

2. Say Yes or No:

a. Particles are tightly packed in solid -----

b. Particles freely move in gases -----

3. From which materials the following things are made up of (wood, metal, glass)

a)



b)



c)



4. Choose the correct pair

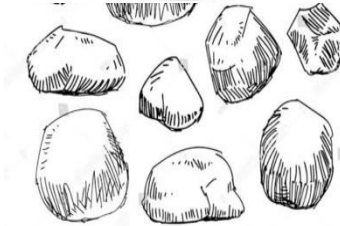
- a) Ice cubes $\leftrightarrow$ Liquid
- b) Water $\leftrightarrow$ Water vapour
- c) Sugar $\leftrightarrow$ Solid
- d) Water vapour $\leftrightarrow$ Liquid

5. Find the odd one out?

a)



b)



c)



d)

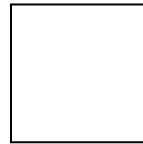


6. Look at the following picture and mention as **S** for Solid, **L** for Liquid and **G** for Gas

a)



b)



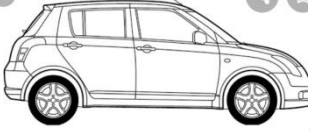
c)



d)



7. Circle the correct states of matter?

 Solid Liquid Gas	 Solid Liquid Gas
 Solid Liquid Gas	 Boiling water pan Solid Liquid Gas

8. Circle which is liquid :

a)



b)



c)



d)



?

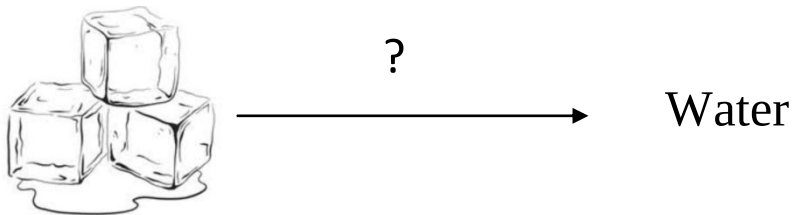
9. Mention **True** or **False**

- a) Gas has definite shape
- b) Liquid has the shape of the container

10. Complete the table with **Yes** or **No** and mention the states of matter.

Item	Definite volume	Definite shape	States of matter
Cool drinks			
Sugar			
Air			
Oil			

11. Which process is involved in the following conversion?



- a) Melting
- b) Condensation
- c) Freezing
- d) Evaporation

12. Which of the following is an example for evaporation?

- a) Ice to water
- b) Water to ice
- c) Water to water vapour
- d) Water vapour to water

13. Complete the following

States of matter	Process	Change of state
Solid	Heating	?
Liquid	?	Solid

14. Write **Yes or No**.



a) Does it occupies space ? -----

b) Can it change it's shape while heating? -----

15. Mention **True or False**



a) It occupies space. _____

b) It changes it's shape. _____

Answers : 7. Matter and Materials					
1	a, d	6.	a) solid b) liquid c) gas d) solid	11.	a
2	a) Yes b) Yes	7.	a) solid b) solid c) liquid d) gas	12.	c
3	a) metal b) wood c) glass	8.	b, d	13.	a) liquid b) condensation
4	c	9.	a) False b) True	14.	a) true b) true
5	c	10.	-	15.	a) true b) false

CLASS

3

UNIT 8 : FORCE, WORK AND ENERGY

SCIENCE

1. Pedalling a cycle is _____ force.
 - a) a muscular
 - b) a gravitational
 - c) a magnetic
 - d) an electrostatic
2. Which of the following statement is **NOT** true?
 - a) Friction makes a moving object slow down and stop
 - b) Friction between two surfaces produces heat
 - c) Friction enables an object to stay in a stationary position
 - d) Friction decreases if roughness of an object increases
3. Shyam's uncle uses a shopping cart in the mall. He is moving from left to right. Which type of force is he applying on the cart?
 - a) Push
 - b) Pull
 - c) both
 - d) None of the above
4. Which of the following force holds the things on the ground?
 - a) Gravitational force
 - b) Electrostatic force
 - c) Elastic force
 - d) Frictional force



5. The force applied on an object in order to perform a task is known as _____.

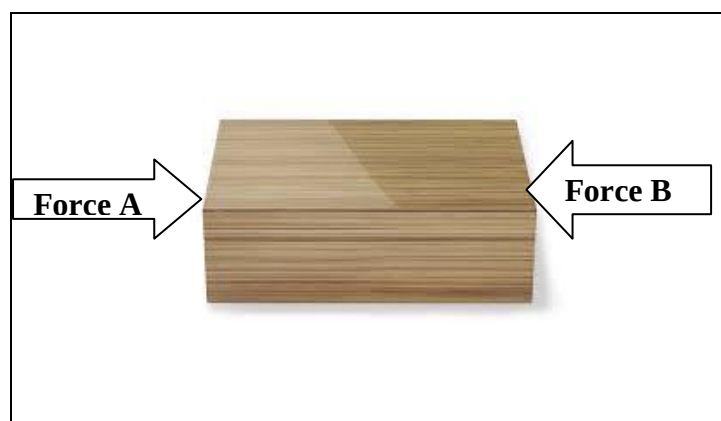
- a) Load
- b) Effort
- c) Fulcrum
- d) Pivot

6. The figure given below shows a ball being stationary on the floor. What force enables the ball to remain in that position?



- a) Pushing
- b) Frictional
- c) Magnetic
- d) Pulling

7. The box below does not move, because



- a) Both forces A and B are acting in opposite direction
- b) Both forces A and B are acting in same direction
- c) There is no frictional force between the box and the ground
- d) None of these

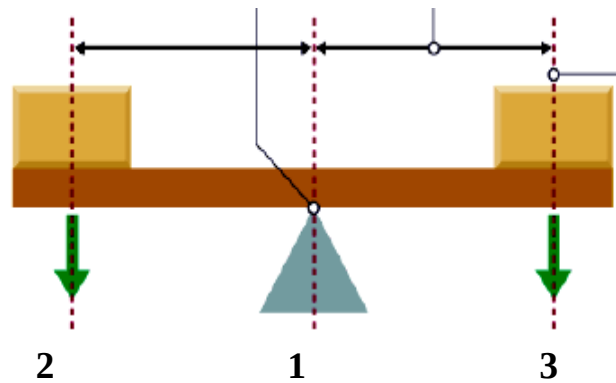
8. Force causes an object to change its _____.

- a) Position
- b) Weight
- c) Height
- d) Length

9. Match the column picture with word:

	COLUMN I		COLUMN II
a.		1.	SQUASH
b.		2.	CRUSH
c.		3.	CRUMPLE
d.		4.	WRING
e.		5.	SQUEEZE
f.		6.	PRESS

10. Label the parts.



1. _____
2. _____
3. _____

11. Draw the direction of force applied to tighten the nut?

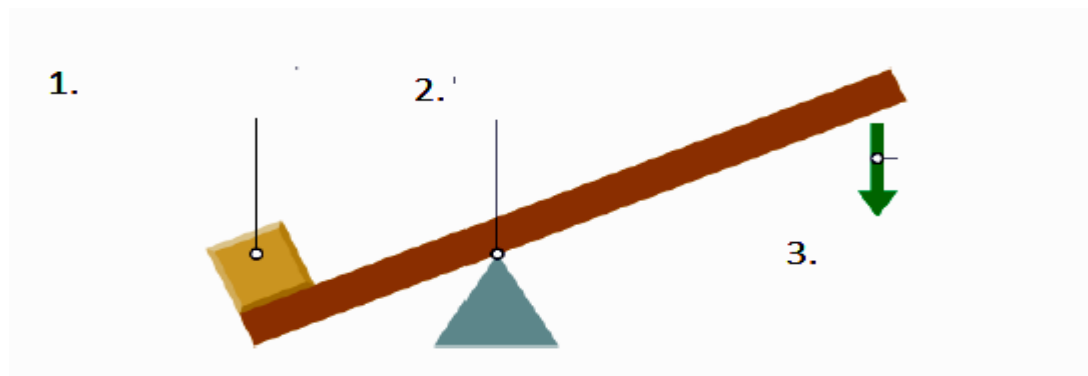


Answer: _____

12. Look at the examples. Arrange the components and find the type of lever.

S No.	Examples	Arrangement of components (Effort/Fulcrum/Load)	Mention type of lever
a	See-saw, Crowbar, Scissors		
b	Wheel barrow, Nut Cracker		
c	Tweezers, Cooking Tongs		

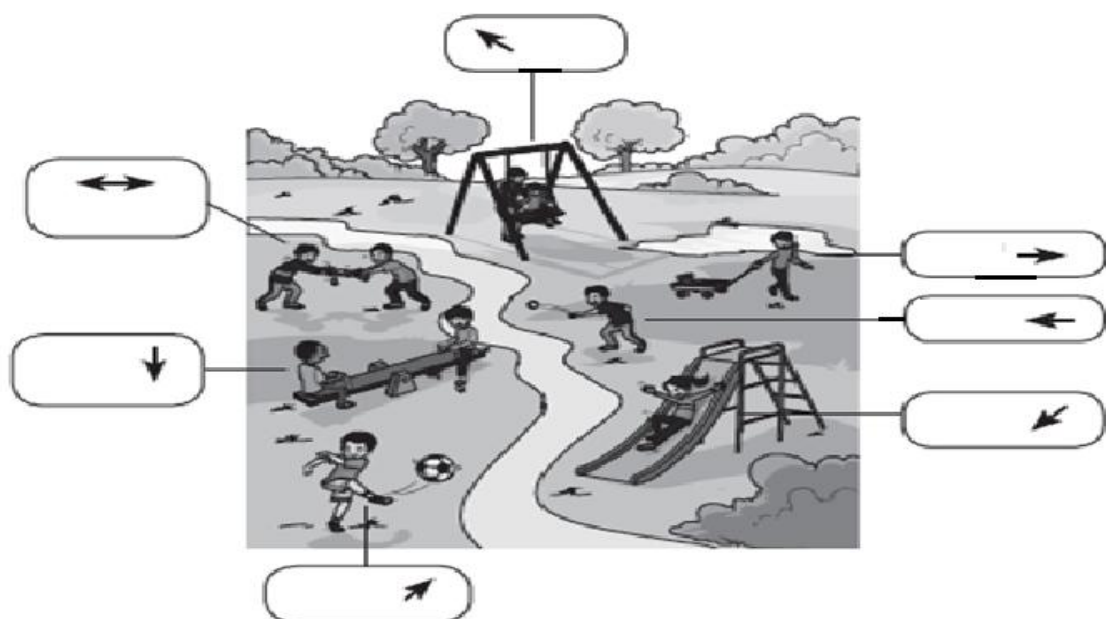
13. Label the parts and mention the type of lever.



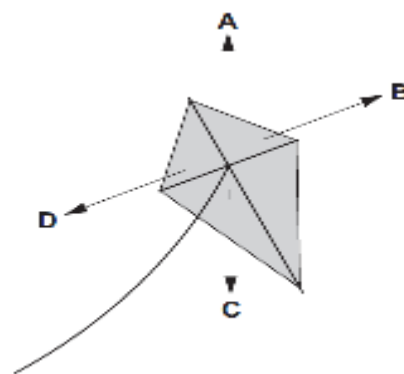
14. 1. What kind of simple machine is broom?
 2. Where is the fulcrum?
 3. Mention the type of lever.



15. Look at the picture. Find the type of force (Pushing / Pulling)



16. Ram is flying a kite. There is a strong wind blowing. The picture shows the forces on the kite. Which letter shows the gravitational force on the kite?



- a) C
- b) B
- c) A
- d) D

Answers : UNIT – 8 : Force, Work and Energy						
1	a	6	b	11	Clockwise	
2	d	7	a	12	a : Effort- Fulcrum- Load : First order lever, b : Effort- Load - Fulcrum : Second order lever, c : Fulcrum- Effort- Load : Third order lever.	
3	a	8	a	13	1. Load, 2.Fulcrum, 3.Effort. ; First order	
4	d	9	a – 5; b – 6; c – 2; d – 1 e – 3; f – 4.	14	1. Lever, 2. Top, 3.Third order	
5	b	10	1) Fulcrum, 2) Load, 3) Effort	15	----	16.a

CLASS

3

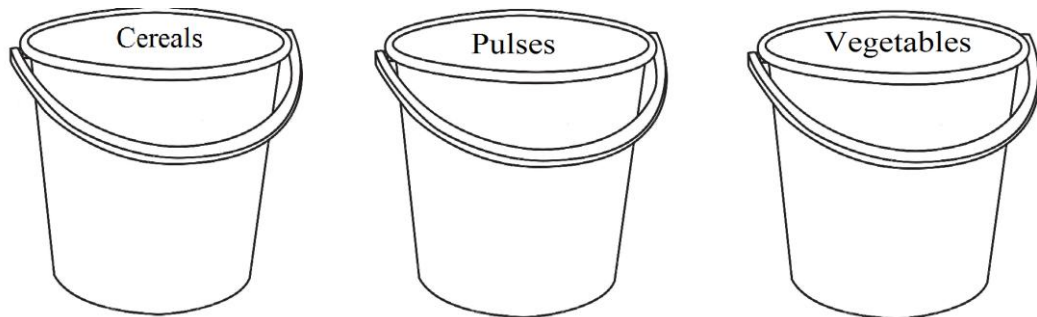
UNIT 09 : SCIENCE IN EVERY DAY LIFE

SCIENCE

1. Underline the correct answer :

- | | | | |
|----|----------------------|---|----------------------|
| a) | Food cooked by steam | - | idly / Dhosa |
| b) | Hot things | - | Boiled Water / Ice |
| c) | Cooking vessel | - | Cooker / Soap |
| d) | Vegetables | - | Cauliflower / Butter |

2. Store the cereal, Pulses, Vegetables in its respective bag



Rice, Pumpkin, Bengal gram, Black gram, Beans, Wheat, Ragi, Red Gram, Brinjal, Chilly, Maize, Moong dhal

The following advertisement does not express

3.

- | | |
|----|--|
| a) | To kill the microbes in water |
| b) | To improve digestion |
| c) | To protect from the spread of microbes through water |
| d) | To vapourise water |



4. Circle the food that could be given to sick person:



5. Choose the correct statement given below to express what the picture indicate



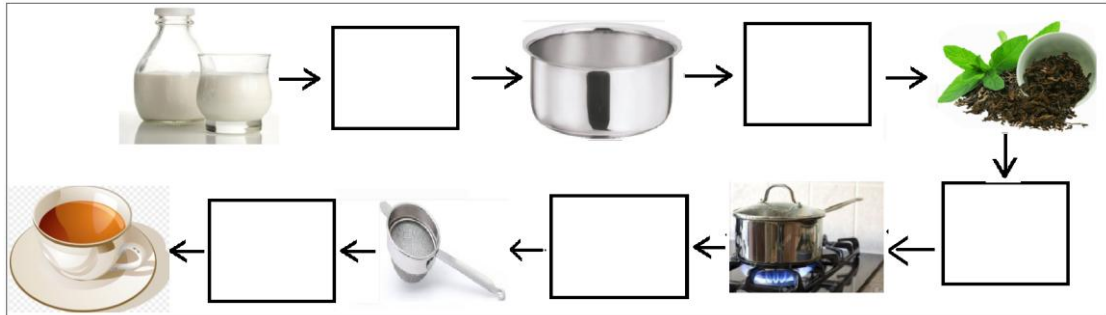
- a) Dangerous and can cause of explosion
- b) Work can be completed very soon
- c) Food can be prepared tastily
- d) Food can be prepared in time

6. Circle the right option

I	II
1. Digestion	Ginger / Rice
2. Get rid of cold	Basil leaf / Lemon
3. To treat gas problem	Garlic / Greens
4. Tooth pain	Pepper / Clove
5. Head ache	Mint / Aloe vera
6. Face freshness	Cumin seed / Turmeric

7. Fill in the blanks in order to prepare tea

(Tea powder, milk , water, burning stove, sugar, utensil [vessel], Filter, tumbler, hot tea)



8. Fill in the blanks

- 1) Prepared by steam ; Idly, _____
- 2) Boiled in water ; Ground nut , _____
- 3) Cooked in tava ; _____, Chapathi

9. Classify the following materials as Safety and Useful devices.

(Electrical Appliance, Fruits, Vegetables, Egg, Sharp Things, Stove, Pulses, Milk, Meat, Using Cellphone in kitchen, Using electrical appliances in wet hand)

Safety devices	Useful devices

10. Circle the correct choice



- * Keep it hot
- * Keep it cold
- * Spoil the food



- * Keep it cool
- * Keep it hot
- * Spoil the food

11. Write the materials required to prepare the following food items :

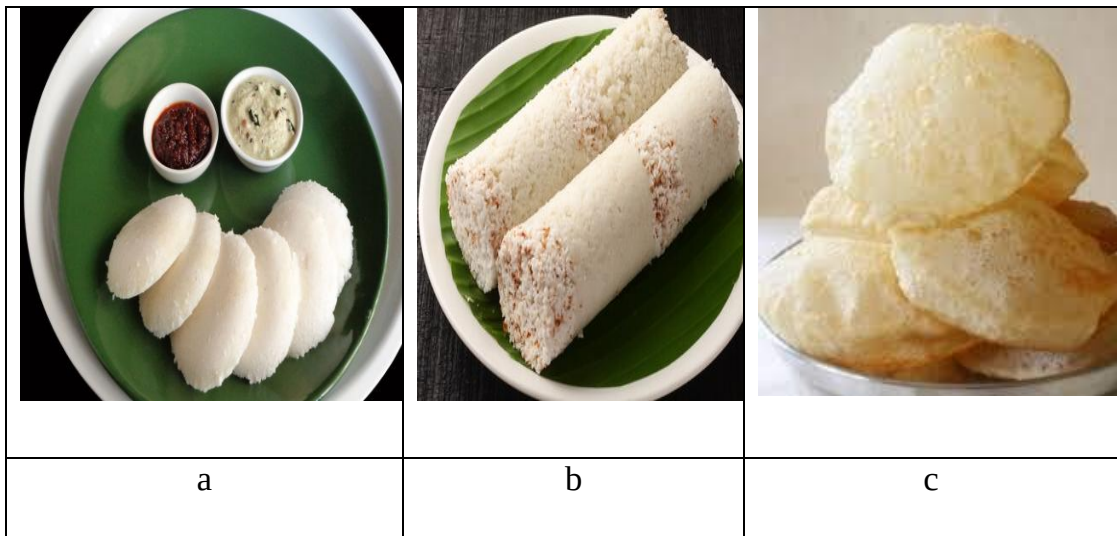
- | | | | |
|-------------------|-----------|----------|-----------------|
| 1. Rice, | 2. Sugar | 3. Salt, | 4. Bengal gram, |
| 5. Coffee powder, | 6. Water, | 7. Milk, | 8. Wheat flour |

1)  = + +

2)  = + +

3)  = + +

12. Circle the odd one out



13. The engine of a train works _____

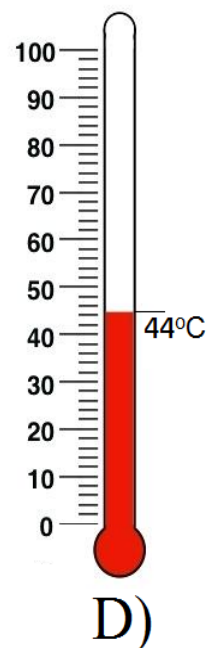
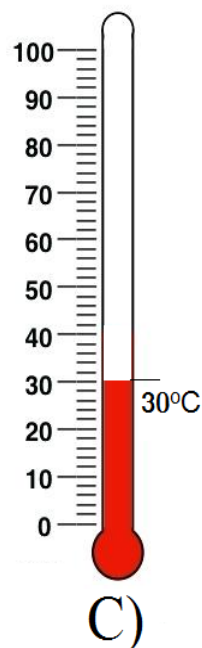
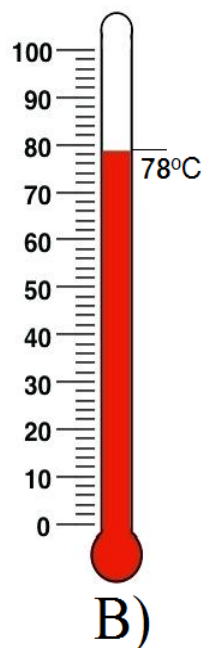
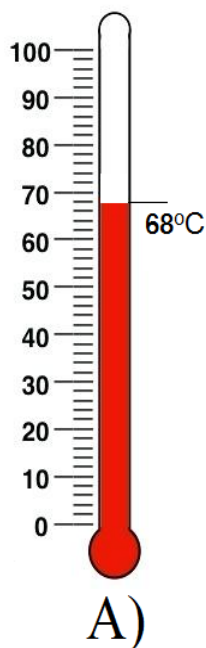


- a) Using Electricity
- b) Using Diesel
- c) Using Electromagnet
- d) Using Steam

14. Circle the items that can be kept in a refrigerator



15. Temperatures of four thermometers are given below. Observe them and answer the questions below:



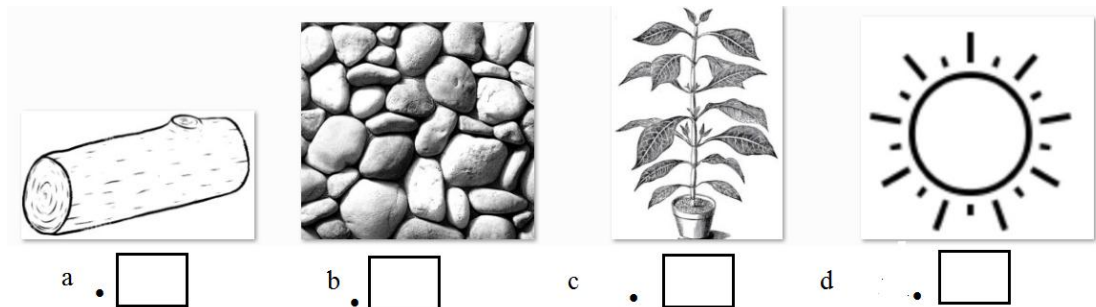
- 1) Which is the lowest temperature? _____
- 2) Which is the highest temperature? _____

Answers: UNIT 9 : SCIENCE IN EVERY DAY LIFE	
1	a. idly b. Boiled water c. cooker d .carrot
2	Cerals : Rice, Wheat, Ragi, Maize Pulses : Bengal Gram, Black Gram, Red Gram, Moong Dhal Vegetables : Pumpkin, Beens, Brinjal, Chilly
3	d
4	idly
5	a
6	1.Ginger 2. Tulasi 3. Garlic 4. Clove 5. Mint 6.Turmeric
7	* write on their own
8	1. Idiyappam 2. Egg 3. Dosha
9	Safety Devices : Electrical Appliance, Sharp Things, Stove, Using Cellphone in kitchen, Using electrical appliances in wet hand Useful Devices : Fruits, Vegetables, Egg, Pulses, Milk, Meat
10	a) Keep it cold b) Keep it hot
11	1) 1 + 4 +3 2) 7 +5 +2 3) 8 +3 +6
12	c
13	d
14	vegetables, milk, flour
15	c, b

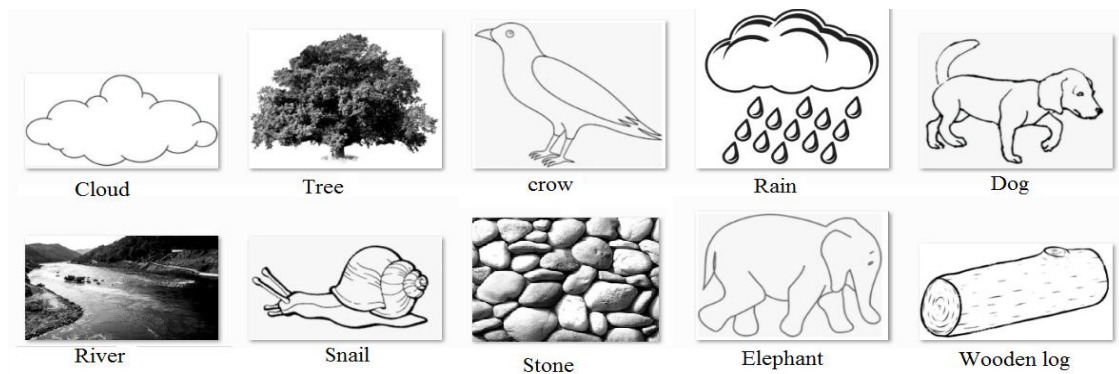
**CLASS
3
SCIENCE**

UNIT 10 : OUR ENVIRONMENT

1. Put the (✓) mark for the biotic factor from the following pictures



2. Classify the following



Biotic factors	Abiotic factors
1. _____	6. _____
2. _____	7. _____
3. _____	8. _____
4. _____	9. _____
5. _____	10. _____

3. What is an example of abiotic factors?

- a) Tree
- b) Plants
- c) Air
- d) Grass

4. Select the odd one.



- a) Opuntia plant
- b) Tree
- c) Mountain
- d) Rose plant

5 I am doing a major role in the ecosystem.
If I am absent, the dead bodies will not degrade.
I am an invisible organism.
Who am I?

- a) Producers
- b) Secondary consumers
- c) Primary consumers
- d) Decomposers

6. Which set of abiotic factors support to grow grasses?

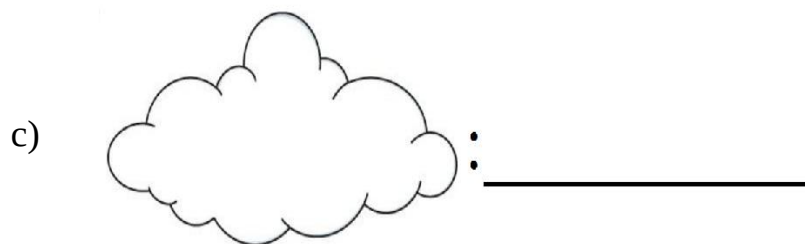
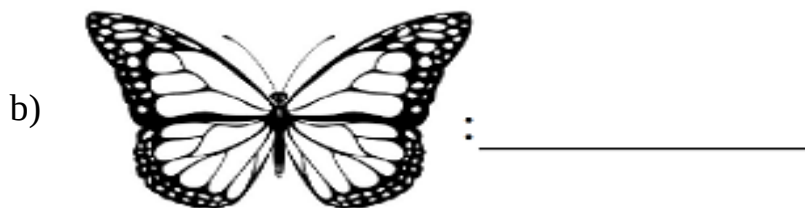
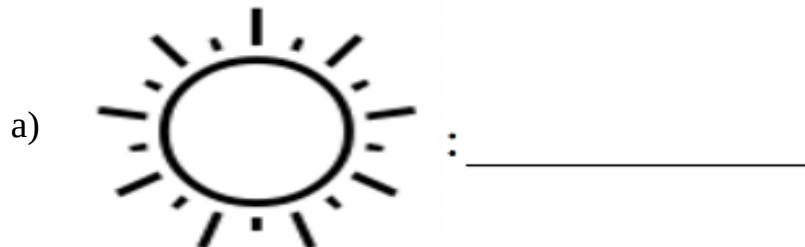
- a) Sunlight, Soil, Water, Air
- b) Sunlight, Water, Earthworm
- c) Water, Mosquito, Air
- d) Sunlight, Rain, Grasshopper

7. Identify the biotic and abiotic factors and sort out them from the given picture



Biotic factors	Abiotic factors

8. Classify the given pictures whether they are biotic or abiotic factors.

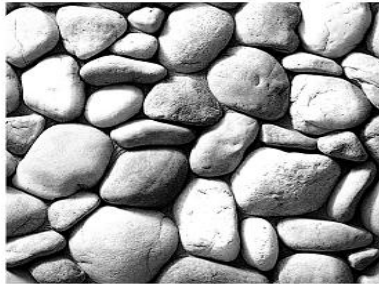


d)



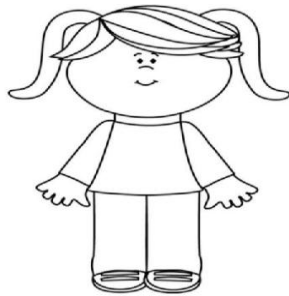
: _____

e)



: _____

f)



: _____

9. Circle the abiotic factors in the word grid.

W	C	X	R	A	I	N
A	L	S	O	I	L	H
T	O	U	C	R	O	E
E	U	N	K	Z	O	A
R	D	L	S	A	C	T

10. **True / False:**

All living organisms depend upon abiotic factors for their survival

Answer : _____.

11. List out the abiotic factors in the pond ecosystem.

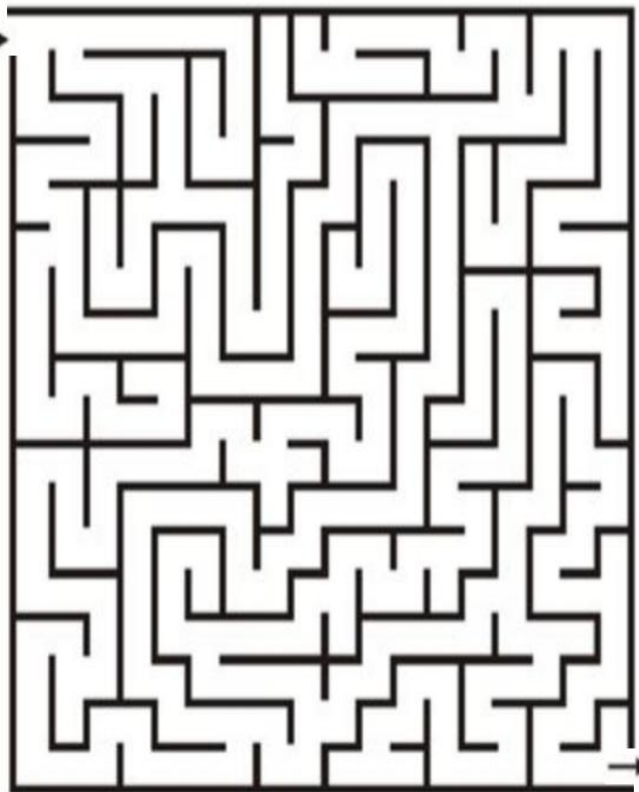
- 1) _____
- 2) _____
- 3) _____
- 4) _____

12. List out the birds that you have observed

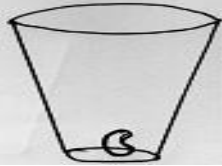
1. _____ . 2. _____ . 3. _____ . 4. _____ .

5. _____ . 6. _____ . 7. _____ . 8. _____ .

13. Guide the thirsty crow to reach the pot (Water).



14. What are the essential factors needed to germinate the seed in a given pot

- a)  + Water + Air
- b)  + Water + Air
- c)  + Water + Air
- d)  + Air

15. Say **True /False**

We get all fruits throughout the year

Answers: 10: OUR ENVIRONMENT					
1	c	6	a	11	---
2	--	7	---	12	---
3	c	8	---	13	---
4	c	9	---	14	c
5	d	10	True	15	False